

The simplest, most flexible way  
to get your video infrastructure  
up and running.

LifeSize® UVC Platform™





# Simple, Flexible, Scalable



"With the UVC Platform, LifeSize not only lets organizations choose how they want to deploy the video software, but also which applications they want to use and how quickly they want to grow."

—Jeff Burt, eWeek

"This is a big step toward making video deployments easier to justify, deploy and support."

—Ira M. Weinstein, Wainhouse Research



The software-based LifeSize UVC Platform is everything you need for video infrastructure accessible from one common interface—with multiple applications you just turn on. And the entire platform and all LifeSize UVC applications are available as virtual machine software or hardware.

## Multiple Applications Integrated on a Single Platform

With the LifeSize UVC Platform, you no longer have to purchase, ship, install and provision separate, single-purpose hardware devices. All LifeSize UVC applications are integrated and instantly available on the LifeSize UVC Platform.

## HD Video Infrastructure That Does More

Unlike fixed-capacity video infrastructure products, LifeSize UVC applications offer greater customization, more control and enormous flexibility—to a level never before experienced in the video conferencing industry.

### Choose a LifeSize UVC application

› Select one or select them all

### Choose your capacity

- › Entry-level pricing to fit every need and budget
- › Flexible licensing lets you expand capacity as your needs grow
- › Buy only what your resources allow and never overpurchase

### Choose a feature edition

- › Standard Edition
- › Enterprise Edition: Feature-rich for maximum capabilities\*

### Choose a deployment model

- › LifeSize UVC virtual machine software (running on your own servers)—supported on VMware® and Microsoft® Hyper-V® virtualization technologies
- › LifeSize UVC hardware (with the LifeSize UVC Platform preinstalled)

## LifeSize UVC Applications



LifeSize® UVC ClearSea™  
Mobile video calling



LifeSize® UVC Multipoint™  
Flexible multiparty calling (bridge)



LifeSize® UVC Video Center™  
Video streaming & recording



LifeSize® UVC Transit™ Server/Client  
Firewall/NAT traversal



LifeSize® UVC Access™  
IP routing & call control (gatekeeper)



LifeSize® UVC Video Engine™  
for Microsoft® Lync™  
HD video calls with Microsoft Lync



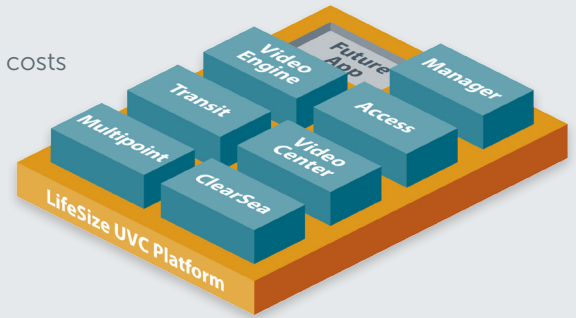
LifeSize® UVC Manager™  
Video network management

## Try Before You Buy

You can easily evaluate all LifeSize UVC applications via a **free feature-rich trial**. The trial can be activated from the LifeSize UVC Platform, available as a free virtual machine software download on the LifeSize website or when you purchase a LifeSize UVC hardware appliance.

## Key Benefits

- › **Integrated platform**—Efficiencies in time, resources, space, energy and costs
- › **One user interface across all instances**—Greatly simplifies administration
- › **Free trial**—Try any LifeSize UVC application before you buy
- › **Flexible licensing**—Buy the capacity you need today; scale as your needs grow
- › **Standard or Enterprise features**—Pay for only the features you need
- › **Standards-based and interoperable**—Investment protection and easy integration with existing video systems and infrastructure
- › **Virtualized software or hardware appliance**—Flexible deployment to fit every IT environment



## Product Specifications

## LifeSize® UVC Platform™

### Deployment Options

LifeSize UVC Platform virtual machine software (free download)  
Rack-mountable LifeSize® UVC 1100 hardware (purchase)  
Rack-mountable LifeSize® UVC 3300 hardware (purchase)

### LifeSize UVC Virtual Machine Software

Supported on VMware vSphere® Hypervisor (ESXi) 4.0 and higher (free up to 8 vCPUs) and Microsoft Hyper-V 2.0 and 3.0 (free up to 64 vCPUs)  
Network interfaces: 10/100/1000 Ethernet adapter  
Security-hardened Linux® OS  
Configurable by administrator

### LifeSize UVC Hardware Configuration (1100/3300)

Dimensions: 17.2"W x 1.7"H x 19.8"D  
Dual GigE network adapters, 2 x RJ-45  
Redundant hard drives, MD RAID 10  
Power: AC Voltage: 100–240V, 50–60 Hz, 5A max

### Storage (UVC Hardware Appliance—1100/3300)

Large internal storage for HD videos (1 TB on board)  
Linux MD RAID 10 support; sustains any failures due to faulty disks  
Stores up to 2,600 hours of HD video at 768 kbps (LifeSize UVC Video Center)

### Environmental Data (UVC 1100/3300)

Operating temperature: 10°C (50°F) to 35°C (95°F)  
Operating humidity: 20% to 95%, noncondensing  
Storage temperature: –40°C (–40°F) to 70°C (158°F)  
Storage humidity: 5% to 95%, noncondensing  
Weight: 17.2 kg (38 lbs)  
Sustained load = UVC 1100 HW: 249 watts (850 BTU/hr), UVC 3300 HW: 288 watts (983 BTU/hr)  
Idle = UVC 1100 HW: 135 watts (461 BTU/hr), UVC 3300 HW: 138 watts (469 BTU/hr)

### Feature Options

Standard Edition (entry-level features)  
Enterprise Edition (advanced features)\*

### Authentication & Authorization

Supports corporate active directory/LDAP integration  
Local user management

### Capacity

See UVC Capacity Limits chart for details  
Capacity limits are for each application running independently on the indicated hardware/appliance  
Built-in capacity planner tool helps administrators plan and manage hardware resources

### Integrated Web Interface

Integrated web UI for all LifeSize UVC applications  
Configure multiple applications on a single instance  
Multilingual web user interface—supports 10 languages: English, French, German, Italian, Japanese, Korean, Russian, Spanish, Simplified Chinese and Traditional Chinese (except LifeSize UVC Multipoint, LifeSize UVC Video Engine and LifeSize UVC Manager)

### System Management

Firmware update tool  
REST APIs support third-party integration (LifeSize UVC Video Center)  
Start or stop LifeSize UVC applications from web interface  
Manage network configuration for all applications  
Web interface to monitor critical system parameters such as CPU, local disk and NAS availability and usage  
IPv6 support  
Management support—LifeSize® Control™ and LifeSize UVC Manager\*\*

### Integrated Licensing

Web-based license management for product activation  
Supports online and offline modes of license activation  
Add capacity to existing products  
Upgrade from Standard to Enterprise Edition where available

### Security

HTTPS-based web access  
SSH access for diagnostics  
Supports static NAT deployment  
Ability to lock down services for maintenance activities  
Supports deployment in DMZ or private LAN

### Compatibility

Major web browsers supported (see release notes on LifeSize website)

LifeSize UVC Applications	Virtual Machine Specifications
LifeSize UVC Multipoint (6 flex ports) LifeSize UVC Video Center LifeSize UVC Transit LifeSize UVC Access LifeSize UVC Manager	HW processors: Intel Xeon E5620, 2.4 GHz min vCPU: 4 vRAM: 6 GB DDR3 1333 Disk space: 100 GB min Network: 1 Gbps
LifeSize UVC ClearSea (200 ports) LifeSize UVC Multipoint (18 flex ports) LifeSize UVC Video Engine for Microsoft Lync (6 HD calls)	HW processors: 2 x Intel Xeon X5650, 2.66 GHz min vCPU: 12 vRAM: 12 GB DDR3 1333 Disk space: 100 GB min Network: 1 Gbps
LifeSize UVC Multipoint (30 shared encoder flex ports) or (20 dedicated encoder flex ports)	HW processors: 4 x Intel E7 8837 (8-core), 2.66 GHz min vCPU: 30 vRAM: 24 GB DDR3 1333 Disk space: 100 GB min Network: 1 Gbps

\*Enterprise Edition is currently available for LifeSize UVC Video Center and LifeSize UVC Multipoint.

## LifeSize UVC Platform Capacity Limits

LifeSize Application	LifeSize UVC 1100 Hardware	LifeSize UVC 3300 Hardware	LifeSize UVC Virtual Machine <sup>3</sup>	Trial Mode (Virtual Machine) <sup>3</sup>
LifeSize UVC ClearSea	50 concurrent calls (100 video ports) Unlimited client installs and user accounts 3,000 active registrations	140 concurrent calls (280 video ports) Unlimited client installs and user accounts 3,000 active registrations	(8 vCPU) 100 concurrent calls (200 video ports) Unlimited client installs and user accounts 3,000 active registrations	(4 vCPU) 5 concurrent calls (10 video ports) Unlimited client installs and user accounts 3,000 active registrations
LifeSize UVC Multipoint › Standard Edition (Shared encoder only) › Enterprise Edition (Both shared encoder and encoder per participant)	Shared encoder conferences: 6 flex ports › 6 720p & 18 audio-only ports › 12 480p & 12 audio-only ports › 24 360p ports Encoder-per-participant conferences: 4 flex ports › 2 1080p30 & 14 audio-only › 4 720p & 12 audio-only ports › 8 480p & 8 audio-only ports › 16 360p ports	Shared encoder conferences: 18 flex ports › 18 720p & 54 audio-only ports › 36 480p & 36 audio-only ports › 72 360p ports Encoder-per-participant conferences: 12 flex ports › 6 1080p30 & 77 audio-only ports › 12 720p & 36 audio-only ports › 24 480p & 24 audio-only ports › 48 360p ports	<b>(30 vCPU VMware ESXi)</b> Shared encoder conferences: 30 flex ports › 30 720p & 90 audio-only ports › 60 480p & 60 audio-only ports › 120 360p ports Encoder-per-participant conferences: 20 flex ports › 10 1080p30 & 70 audio-only ports › 20 720p & 60 audio-only ports › 40 480p & 40 audio-only ports › 80 360p ports ----- <b>(14 vCPU Microsoft Hyper-V)</b> Shared encoder conferences: 14 flex ports › 14 720p & 42 audio-only ports › 28 480p & 28 audio-only ports › 56 360p ports Encoder-per-participant conferences: 12 flex ports › 6 1080p30 & 42 audio-only ports › 12 720p & 36 audio-only ports › 24 480p & 24 audio-only ports › 48 360p ports	(8 vCPU) Shared encoder and encoder-per-participant conferences: 8 flex ports › 4 1080p30 & 28 audio-only ports › 8 720p & 24 audio-only ports › 16 480p & 16 audio-only ports › 32 360p ports Enterprise Edition features
LifeSize UVC Video Center <sup>1</sup>	20 HD recordings 2,000 HD live web streams (through NIC bonding) 350 on-demand streams 4 concurrent HD transcodings (SIP calls or mobile transcodes)	20 HD recordings 2,000 HD live web streams (through NIC bonding) 350 on-demand streams 12 concurrent HD transcodings (SIP calls or mobile transcodes)	(4 vCPU) 20 HD recordings 2,000 HD live web streams (through NIC bonding—VMware only) 350 on-demand streams 4 concurrent HD transcodings (SIP calls or mobile transcodes)	(4 vCPU) 5 HD recordings 250 HD live web streams 250 on-demand HD web streams 4 concurrent HD transcodings (SIP calls or mobile transcodes) Enterprise Edition features
LifeSize UVC Transit Server/Client <sup>2</sup>	80 Full HD traversals	80 Full HD traversals	(4 vCPU) 80 Full HD traversals	(4 vCPU) 5 Full HD traversals
LifeSize UVC Access	3,000 gatekeeper registrations 300 routed gatekeeper calls	3,000 gatekeeper registrations 300 routed gatekeeper calls	(2 vCPU) 3,000 gatekeeper registrations 300 routed gatekeeper calls	(2 vCPU) 100 gatekeeper registrations 100 routed gatekeeper calls
LifeSize UVC Video Engine for Microsoft Lync <sup>1</sup>	4 480p, 8 360p LifeSize UVC 1100 hardware does not support HD calls.	6 HD calls › 6 720p, 12 480p, 24 360p	(8 vCPU @ 2.67 GHz) 4 HD calls › 4 720p, 8 480p, 16 360p (12 vCPU @ 2.67 GHz) 6 HD calls › 6 720p, 12 480p, 24 360p	(12 vCPU @ 2.67 GHz) 6 HD calls › 6 720p, 12 480p, 24 360p
LifeSize UVC Manager/Proxy <sup>4</sup>	500 seats	500 seats	(4 vCPU) 500 seats	(4 vCPU) 100 seats

<sup>1</sup>LifeSize recommends that you dedicate an entire LifeSize UVC instance to this application.<sup>2</sup>LifeSize UVC Transit Server and LifeSize UVC Transit Client cannot be deployed on the same instance.<sup>3</sup>Capacity tested on ESXi 5.0/5.1 and Hyper-V 2.0/3.0<sup>4</sup>LifeSize UVC Manager and LifeSize UVC Manager Proxy cannot be deployed on the same instance.

## Virtualization Support

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Hyper-V®vmware®  
READY

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Delivering the Ultimate Communication Experience

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DS\_UVCPlatform\_EN\_0513

